Test Procedure for §170.306 (h) Advance Directives

This document describes the draft test procedure for evaluating conformance of complete EHRs or EHR modules[1] to the certification criteria defined in 45 CFR Part 170 Subpart C of the Final Rule for Health Information Technology: Initial Set of standards, Implementation Specifications, and Certification Criteria for Electronic Health Record Technology as published in the Federal Register on July 28, 2010. The document[2] is organized by test procedure and derived test requirements with traceability to the normative certification criteria as described in the Overview document located at http://healthcare.nist.gov/docs/TestProcedureOverview_v1.pdf. The test procedures may be updated to reflect on-going feedback received during the certification activities.

The HHS/Office of the National Coordinator for Health Information Technology (ONC) has defined the standards, implementation guides and certification criteria used in this test procedure. Applicability and interpretation of the standards, implementation guides and certification criteria to EHR technology is determined by ONC. Test procedures to evaluate conformance of EHR technology to ONC's requirements are defined by NIST. Testing of EHR technology is carried out by ONC-Authorized Testing and Certification Bodies (ATCBs), not NIST, as set forth in the final rule establishing the Temporary Certification Program (*Establishment of the Temporary Certification Program for Health Information Technology, 45 CFR Part 170; June 24, 2010.*)

Questions about the applicability of the standards, implementation guides or criteria should be directed to ONC at ONC.Certification@hhs.gov. Questions about the test procedures should be directed to NIST at hit-tst-fdbk@nist.gov. Note that NIST will automatically forward to ONC any questions regarding the applicability of the standards, implementation guides or criteria. Questions about functions and activities of the ATCBs should be directed to ONC at ONC.Certification@hhs.gov .

CERTIFICATION CRITERIA

This Certification Criterion is from the Health Information Technology: Initial Set of Standards, Implementation Specifications, and Certification Criteria for Electronic Health Record Technology Final Rule issued by the Department of Health and Human Services (HHS) on July 28, 2010.

§170.306 (h) <u>Advance directives</u>. Enable a user to electronically record whether a patient has an advance directive.

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[1] Department of Health and Human Services, 45 CFR Part 170 Health Information Technology: Initial Set of Standards, Implementation Specifications, and Certification Criteria for Electronic Health Record Technology, Final Rule, July 28, 2010.

[2] Disclaimer: Certain commercial products are identified in this document. Such identification does not imply recommendation or endorsement by the National Institute of Standards and Technology.

INFORMATIVE TEST DESCRIPTION

This section provides an informative description of how the test procedure is organized and conducted. It is not intended to provide normative statements of the certification requirements.

This test evaluates the capability for a Complete EHR or EHR Modules to enable a user to electronically record whether a patient has an advance directive.

The vendor supplies the test data for this test procedure.

This test procedure consists of one section:

- Record - evaluates the capability to enter into the EHR whether a patient has an advance directive
     o   The Tester enters the advance directive into the EHR

REFERENCED STANDARDS

None

NORMATIVE TEST PROCEDURES

Derived Test Requirements

DTR170.306.h – 1:   Electronically Record Patient Advance Directive Status or Actual Advance Directive

DTR170. 306.h – 1:   Electronically Record Patient Advance Directive Status or Actual Advance Directive

Required Vendor Information

VE170.306.h – 1.01:   Vendor shall identify a patient 65 years old or older with an existing record in the EHR

VE170.306.h - 1.02:   Vendor shall provide the test data for this test

VE170.306.h – 1.03:   Vendor shall identify the EHR function(s) that are available to: 1) select the patient, 2) enter patient advance directive data, 3) indicate the advance directive status, and 4) display the actual advance directive (Optional)

Required Test Procedure:

TE170.306.h – 1.01:   Tester shall select patient advance directive data from Vendor-supplied Test Data

TE170.306.h – 1.02:   Using the EHR function(s) identified by the Vendor, the Tester shall select the patient's existing record and enter patient advance directive data from the Vendor-supplied Test Data

TE170.306.h – 1.03:   Using the NIST-supplied Inspection Test Guide, the Tester shall verify that the patient advance directive test data have been entered correctly and without omission

Inspection Test Guide

IN170.306.h – 1.01:   Using the data in the Vendor-supplied Test Data, Tester shall verify that the patient advance directive test data are entered correctly and without omission. TD170.306.h shows examples of advance directive data

IN170.306.h – 1.02:   Tester shall verify that the patient advance directive data are stored in the patient's record

TEST DATA

This Test Procedure requires the vendor to supply the test data. The Tester shall address the following:
- Vendor-supplied test data shall ensure that the functional and interoperable requirements identified in the criterion can be adequately evaluated for conformance
- Vendor-supplied test data shall strictly focus on meeting the basic capabilities required of an EHR relative to the certification criterion rather than exercising the full breadth/depth of capability that an installed EHR might be expected to support
- Tester shall record as part of the test documentation the specific Vendor-supplied test data that was utilized for testing

CONFORMANCE TEST TOOLS

None

Document History

Version Number	Description of Change	Date Published
1.0	Updated to remove "Pending" from header	August 13, 2010